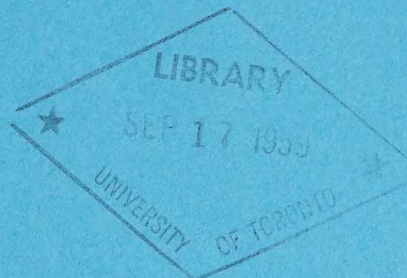


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Canada, Trade and Commerce, Dept. of. Standards  
"Division"



DEPARTMENT OF TRADE AND COMMERCE

REPORT  
OF THE  
STANDARDS BRANCH  
FOR THE YEAR 1958







## REPORT OF STANDARDS DIVISION

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THE QUEEN'S PRINTER AND CONTROLLER OF STATIONERY  
OTTAWA, 1959

Price 25 cents Cat. No. C81-158



# STANDARDS BRANCH

## DEPARTMENT OF TRADE AND COMMERCE

### REPORT, 1958

The Standards Branch of the Department of Trade and Commerce administers the Electricity Inspection Act, the Gas Inspection Act, the Exportation of Power and Fluids and Importation of Gas Act, the Weights and Measures Act, the Precious Metals Marking Act, and the National Trade Mark and True Labelling Act.

While this publication is entitled "Report, 1958", the operations under the various Acts cover the fiscal year 1958-59 except for the Weights and Measures Act, which is covered for the calendar year 1958.

#### ELECTRICITY INSPECTION ACT

This Act provides for approval and inspection of all electricity measuring devices used for billing purposes. The number of meters tested during the past year was 915,623, a decrease of 52,145 from the previous year, although the verification of new meters increased by approximately 21,000. The fall-off of reverifications was normal as fewer meters required the statutory reverification. The total number of electricity meters in use in Canada for billing purposes rose to 4,941,691 from 4,748,687 for the previous year.

#### GAS INSPECTION ACT

This Act provides for the approval and inspection of all gas measuring devices used for billing purposes. It also provides for the testing of the calorific power of any gas when sold in Canada on a heating value basis. The number of gas meters tested during the past year was 237,893. Tests on new meters increased by approximately 26,500 due to the continuing expansion of the natural gas industry, while reverifications fell off approximately 12,000, which was normal for the year. The total number of gas meters in use in Canada for billing purposes rose to 1,110,960 from 1,016,420 for the previous year.

Total revenue under the Electricity Inspection Act and the Gas Inspection Act decreased by approximately \$19,441.60 (to \$903,087.65) from the previous year, resulting from the corresponding decrease in the number of meters tested.

#### EXPORTATION OF POWER AND FLUIDS AND IMPORTATION OF GAS ACT

3,865,824,285 kilowatts of electrical energy were exported during the fiscal year as compared with 4,809,850,411 for the previous year. The export duty levied was correspondingly lower at \$1,159,747.31. Licence fees for the export of electricity, crude oil and natural gas amounted to \$1,050 as against \$974.83 for the previous year. One additional licence was issued for the importation of natural gas for emergency purposes for the period January 26, 1959 to February 4, 1959.



## WEIGHTS AND MEASURES ACT

This Act provides for the approval and inspection of all weighing and measuring equipment used for trade purposes. During 1958 inspectors travelled 1,122,880 miles, visited 163,049 business premises and inspected 474,583 devices ranging from counter scales, vehicle and other heavy duty scales, to gasoline pumps and tank trucks. The petroleum industry is introducing new, larger and more complicated devices for the distribution of its products.

Boats were again used to reach isolated coastal areas. Two volumetric mobile prover units travelled 14,884 miles during the past year for the inspection of 1,813 meters or tank trucks. The heavy duty scale test truck during the year inspected 1,110 vehicle scales and travelled 12,819 miles. It is planned to have a second heavy duty scale test unit in operation during 1959.

Checking of prepackaged goods and scales on a spot check basis, for accuracy, increased over last year, with 40,021 scales and 386,987 packages being covered.

## STANDARDS LABORATORY

The Standards Laboratory supports the field inspection work of the Branch. Local inspection standards in the hands of inspectors are continually being called to headquarters to be checked for accuracy, and the departmental standards are compared with the official reference standards at specified periods. All new electrical and gas apparatus, weighing and measuring devices are closely examined and given rigorous tests before being approved for trade use in Canada. In addition, the Laboratory is continually working on devising new and improved methods and procedures for field inspection work. Considerable time is spent, also, in assisting industry by checking and calibrating electrical instruments, weights, measures, etc.

## PRECIOUS METALS MARKING ACT

The Precious Metals Marking Act provides a uniform standard of quality marking to be applied by manufacturers to articles of gold, silver, platinum and palladium, and of gold and silver plate. Constant inspection of retail, wholesale, imported and manufacturers stocks is maintained to see that marks are applied in conformity with the Act. Assays are made of gold and silver articles, and newspapers and other advertising media are carefully inspected toward the elimination of misleading advertising.

## NATIONAL TRADE MARK AND TRUE LABELLING ACT

This Act provides a framework for the development of the National Standard and makes provision also for truthful labelling of commodities as covered by regulations. Existing regulations cover hosiery, fur garments, turpentine, textiles. The Canada Standard for Babcock test bottles fills the need for which it was established. Canada Standard specifications for measuring cups and spoons are now in force. The Committee which is developing specifications for Standard sizing in children's clothing held several meetings throughout the year, and looked forward to the adoption of part of the programme in 1959.



TABLE 1. Electricity Meter Registration by District and Type of Service During Fiscal Year Ended March 31, 1959

DISTRICT	URBAN				RURAL				GRAND TOTAL
	Domestic	Commercial	Power	TOTAL	Domestic	Commercial	Power	Farm	TOTAL
Belleville .....	63, 298	9, 142	1, 649	74, 089	45, 535	5, 467	196	18, 446	69, 644
Calgary .....	97, 982	17, 748	6, 632	122, 362	5, 967	1, 071	139	21, 877	29, 054
Charlottetown .....	6, 891	1, 365	204	8, 460	9, 847	1, 694	52	474	12, 067
Eastern Arctic Region (Montreal)	—	—	—	—	—	—	—	—	—
Edmonton .....	109, 419	22, 881	10, 755	143, 055	1, 325	914	26	28, 824	31, 089
Fort William .....	38, 337	5, 226	918	44, 481	8, 471	1, 428	58	3, 250	13, 207
Halifax .....	122, 692	15, 843	5, 881	144, 416	45, 096	4, 148	1, 121	822	51, 187
Hamilton .....	209, 933	22, 958	5, 198	238, 089	52, 274	5, 340	819	22, 957	81, 390
Kamloops .....	29, 846	7, 297	1, 331	38, 474	14, 666	2, 978	559	9, 254	27, 457
London .....	170, 420	19, 125	3, 800	193, 345	50, 498	7, 174	660	46, 050	104, 382
Montreal .....	567, 911	74, 190	13, 736	655, 837	35, 698	4, 504	579	23, 703	64, 484
Northwest Territories (Edmonton)	1, 547	373	68	1, 988	20	—	—	—	20
Ottawa (Ont.) .....	110, 463	15, 197	1, 007	126, 667	32, 060	4, 946	266	19, 711	56, 983
Ottawa (Que.) .....	40, 749	4, 712	591	46, 052	40, 469	4, 031	271	10, 773	55, 544
Quebec .....	144, 588	20, 860	3, 656	169, 104	38, 424	6, 948	705	24, 293	70, 370
Regina .....	141, 020	32, 435	5, 964	179, 419	1, 862	2, 321	131	46, 933	51, 247
Saint John (N.B.) .....	63, 327	8, 142	1, 627	73, 096	59, 294	604	1, 156	16, 226	77, 280
St. John's (Nfld.) .....	48, 965	5, 740	660	55, 365	4, 179	533	48	—	4, 760
Sudbury (Ont.) .....	69, 114	9, 009	1, 538	79, 661	37, 454	4, 712	287	8, 073	50, 526
Sudbury (Que.) .....	16, 601	2, 873	526	20, 000	6, 033	917	153	4, 720	11, 823
Toronto .....	519, 401	51, 351	13, 982	584, 734	79, 390	7, 837	464	25, 183	112, 874
Trois Rivières .....	104, 469	14, 248	2, 576	121, 293	59, 489	10, 707	1, 351	36, 431	107, 978
Vancouver .....	183, 728	32, 070	6, 606	222, 404	88, 528	10, 225	1, 973	1, 033	101, 759
Victoria .....	61, 470	8, 270	859	70, 599	16, 382	2, 761	293	—	19, 436
Winnipeg .....	236, 684	31, 241	10, 834	278, 759	2, 815	2, 476	—	38, 127	43, 418
Yukon (Vancouver) .....	1, 534	327	102	1, 963	—	—	—	—	—
TOTALS .....	3, 160, 389	432, 623	100, 700	3, 693, 712	735, 776	93, 736	11, 307	407, 160	1, 247, 979
									4, 941, 691



TABLE 2. Gas Meter Registration by District and Type of Service During Fiscal Year Ended March 31, 1959

DISTRICT	Manufactured	Natural	Petroleum Gas	TOTAL
Belleville .....	1,990	3,283	96	5,369
Calgary .....	160	89,233	5	89,398
Charlottetown .....			3	3
Edmonton .....		102,092	85	102,177
Fort William .....		2,127	13	2,140
Halifax .....			318	318
Hamilton .....		117,252	43	117,295
Kamloops .....		9,545	45	9,590
London .....		133,782	—	133,782
Montreal .....	12,698	241,083	2,893	256,674
Northwest Territories .....	—	—	—	—
Ottawa (Ontario) .....		4,941	81	5,022
Ottawa (Quebec) .....	—	—	—	—
Quebec .....	6,651		5	6,656
Regina .....	259	49,827	1	50,087
Saint John, N.B. ....		3,309	—	3,309
St. John's, Nfld. ....	—	—	—	—
Sudbury (Ontario) .....	2,754	1,708	19	4,481
Sudbury (Quebec) .....	—	—	—	—
Toronto .....	—	202,145	15	202,160
Trois Rivières .....	1,035		822	1,857
Vancouver .....		88,948	583	89,531
Victoria .....	10,420		72	10,492
Winnipeg .....	—	20,617	2	20,619
Yukon .....	—	—	—	—
<b>TOTAL .....</b>	<b>35,967</b>	<b>1,069,892</b>	<b>5,101</b>	<b>1,110,960</b>



TABLE 3. Electric and Gas Meter Registrations for the Years Ended March 31, 1942 to 1959

Calendar Year	Electricity Meters	Gas Meters				Total Meters
		Manufactured	Natural	Acetylene	Petroleum Gas	Total
1942 .....	2,181,945	524,669	197,781	4	1,196	723,650
1943 .....	2,228,716	532,160	197,585	4	1,278	731,027
1944 .....	2,268,500	540,240	201,522	4	1,392	743,158
1945 .....	2,348,150	552,411	208,046	4	1,529	761,990
1946 .....	2,459,672	550,949	215,330	4	1,651	767,934
1947 .....	2,647,040	560,046	225,952	4	1,725	787,727
1948 .....	2,746,685	587,629	217,068	3	1,046	805,746
1949 .....	2,972,725	600,923	227,393	4	4,005	832,325
1950 .....	3,188,089	606,395	239,448	4	3,841	849,688
1951 .....	3,405,342	610,096	252,488	5	33	862,602
1952 .....	3,591,056	609,062	264,154	5	68	873,289
1953 .....	3,779,868	599,140	277,248	5	1,270	877,663
1954 .....	3,968,020	593,698	298,166	4	429	892,297
1955 .....	4,175,534	420,432	486,768	4	532	907,736
1956 .....	4,380,889	416,338	507,875	4	3,147	927,364
1957 .....	4,571,485	350,558	599,633	(registration not required)	4,843	955,034
1958 .....	4,748,687	67,668	944,183	"	4,569	1,016,420
1959 .....	4,941,691	35,967	1,069,892	"	5,101	1,110,960
						2,905,595
						2,959,743
						3,011,658
						3,110,140
						3,227,606
						3,434,767
						3,552,431
						3,805,050
						4,037,777
						4,267,944
						4,464,345
						4,657,531
						4,860,317
						5,083,270
						5,308,253
						5,526,519
						5,765,107
						6,052,651



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## APPENDIX A

For purposes of inspection under the Electricity Inspection Act and the Gas Inspection Act the provinces of the Dominion have been divided into the following districts:—

DISTRICT:	DISTRICT COMPOSED OF:
Belleville, Ont. ....	Counties of Addington, Durham, Frontenac, Haliburton, Hastings, Leeds (exclusive of the Towns of Athens, Newboro and Westport), Lennox, Northumberland, Peterborough, Prince Edward, Victoria and Ontario
Calgary, Alta. ....	All that part of the Province of Alberta lying south of the northerly boundary of Township No.37
Charlottetown, P.E.I. ....	Province of Prince Edward Island
Edmonton, Alta. ....	All that part of the Province of Alberta lying north of the northerly boundary of Township No.37, and the Northwest Territories
Fort William, Ont. ....	Judicial Districts of Kenora, Rainy River and Thunder Bay
Halifax, N.S. ....	Province of Nova Scotia
Hamilton, Ont. ....	Counties of Brant, Haldimand, Halton, Lincoln, Norfolk, Waterloo, Welland and Wentworth
Kamloops, B.C. ....	That part of the mainland of the Province of British Columbia bounded by the 121st Meridian on the West and the 119th Meridian on the East and the 53rd Parallel of Latitude on the North, also including the Valley of the Upper Arrow Lakes and Upper Columbia River Basin to Columbia Lake; and all the towns on the mainland of British Columbia served by the British Columbia Power Commission except the Town of Sechelt and surrounding area
London, Ont. ....	Counties of Bruce, Elgin, Essex, Huron, Kent, Lambton, Middlesex, Oxford and Perth
Montreal, P.Q. ....	Counties of Argenteuil, Arthabaska, Bagot, Beauharnois, Berthier, Brome, Chambly, Chateauguay, Compton, Drummond, Frontenac, Hochelaga, Huntingdon, Iberville, Jacques-Cartier, Labelle, LaPrairie, L'Assomption, Laval, Missisquoi, Montcalm, Napierville, Richelieu, Richmond, Rouville, Shefford, Sherbrooke, Soulanges, Stanstead, St.Hyacinthe, St.Jean, Terrebonne, Vaudreuil, Vercheres, Wolfe and Yamaska
Ottawa, Ont. ....	That part of the Judicial District of Nipissing lying south and east of and including the Townships of Ballantyne, Boyd, Cameron, Pentland and Wilkes, the Counties of Carleton, Dundas, Glengarry, Grenville, Lanark, Prescott, Renfrew, Russell and Stormont, and the Towns of Athens, Newboro and Westport in the County of Leeds, in the Province of Ontario; and Counties of Argenteuil, Gatineau, Hull, Labelle, LaPrairie, L'Assomption, Montcalm, Napierville, Papineau, Pontiac, Soulanges, St.Jean, Terrebonne, Two Mountains and Vaudreuil in the Province of Quebec



## APPENDIX A — Concluded

For purposes of inspection under the Electricity Inspection Act and the Gas Inspection Act the provinces of the Dominion have been divided into the following districts:—

DISTRICT:	DISTRICT COMPOSED OF:
Quebec, P.Q. ....	Counties of Beauce, Bellechasse, Bonaventure, Charlevoix, Chicoutimi, Dorchester, Gaspé, Îles de la Madeleine, Kamouraska, Lac St-Jean, Lévis, L'Islet, Lotbinière, Matane, Mégantic, Montmagny, Montmorency, Portneuf, Québec, Rimouski, Saguenay and Temiscouata
Regina, Sask. ....	Province of Saskatchewan
Saint John, N.B. ....	Province of New Brunswick
St. John's, Nfld. ....	Province of Newfoundland
Sudbury, Ont. ....	Judicial Districts of Algoma, Manitoulin, Sudbury and Temiskaming and part of the Judicial District of Nipissing lying north and west of the Townships of Ballantyne, Boyd, Cameron, Pentland and Wilkes
Three River, P.Q. ....	Counties of Abitibi, Arthabaska, Beauce, Bellechasse, Berthier, Chambly, Champlain, Compton, Deux Montagnes, Dorchester, Drummond, Frontenac, Joliette, L'Assomption, Laval, Lévis, L'Islet, Lotbinière, Maskinonge, Mégantic, Montcalm, Montmagny, Nicolet, Portneuf, Québec, Richelieu, Richmond, Sherbrooke, St. Hyacinthe, St. Maurice, Terrebonne, Vercheres, Wolfe and Yamaska
Toronto, Ont. ....	Judicial Districts of Muskoka, Parry Sound and the Counties of Dufferin, Grey, Peel, Simcoe, Wellington, York, Durham, Victoria and Ontario counties
Vancouver, B.C. ....	That part of the Province of British Columbia except the area "bounded by the 121st Meridian of the West and the 119th Meridian on the East and the 53rd Parallel of Latitude on the North, including the valley of the Upper Arrow Lakes and Upper Columbia River Basin to Columbia Lake and including all towns on the mainland of British Columbia served by the British Columbia Power Commission except the town of Sechelt and surrounding area"; all islands except Vancouver Island and those parts of the Queen Charlotte Islands served by the British Columbia Power Commission; and the Yukon Territory
Victoria, B.C. ....	Island of Vancouver
Winnipeg, Man. ....	Province of Manitoba



## APPENDIX B

Statement showing Amount of Electrical Energy Generated or Produced for Consumption in Canada, and for Export, and Amount Exported, by Companies Licensed under the Authority of the Exportation of Power and Fluids and Importation of Gas Act, during the Fiscal Year ended March 31, 1959.

Name of Contractor and Place of Business	Units Produced for Use in Canada	Units Produced for Export	Units Exported
	K.W. Hours	K.W. Hours	K.W. Hours
The Hydro-Electric Power Commission of Ontario (firm) Toronto, Ontario .....	28,992,507,961	402,084,000	394,200,000
The Hydro-Electric Power Commission of Ontario (surplus) Toronto, Ontario .....	—	2,540,340,400	2,429,725,220
Cedars Rapids Transmission Company Limited (firm) Cornwall, Ontario .....	554,675,411	490,020,689	472,275,824
Canadian Niagara Power Company Limited (firm) Niagara Falls, Ontario .....	72,090,000	292,448,532	287,150,094
Canadian Niagara Power Company Limited (surplus) Niagara Falls, Ontario .....	—	52,432,968	51,449,440
The Ontario-Minnesota Pulp and Paper Company Limited (firm) Fort Frances, Ontario .....	281,215,600	37,970,400	37,970,400
Maine and New Brunswick Electrical Power Company Limited (firm) Edmundston, New Brunswick .....	13,388,402	39,738,367	38,406,045
Maine and New Brunswick Electrical Power Company Limited (surplus) Edmundston, New Brunswick .....	—	18,286,191	17,697,689
British Columbia Electric Railway Company Limited (firm) Vancouver, B.C. ....	—	1,550,687	1,349,100
British Columbia Electric Railway Company Limited (surplus) Vancouver, B.C. ....	3,430,697,573	12,283,996	11,300,301
West Kootenay Power and Light Company Limited (firm) Trail, B.C. ....	333,237,227	14,650	14,650
Southern Canada Power Company Limited (firm) Montreal, P.Q. ....	960,601,768	4,652,080	4,652,080
Southern Canada Power Company Limited (surplus) Montreal, P.Q. ....	—	31,896,672	31,896,672
Northern British Columbia Power Company Limited (firm) Prince Rupert, B.C. ....	417,914	17,165	17,165
Fraser Companies, Limited — hydro-generated (firm) Edmundston, N.B. ....	9,729,000	587,000	587,000
Fraser Companies, Limited — hydro-generated (surplus) Edmundston, N.B. ....	166,310,000	26,120,000	26,120,000
Fraser Companies, Limited — steam-generated (surplus) Edmundston, N.B. ....	(included in above)	26,187,000	26,187,000
Detroit and Windsor Subway Company (firm) Windsor, Ontario .....	—	413,300	413,300
Manitoba Power Commission (surplus) Winnipeg, Manitoba .....	714,824,885	31,250	31,250
New Brunswick Electric Power Commission (surplus) Fredericton, N.B. ....	719,043,125	34,381,055	34,381,055
British Columbia Power Commission (surplus) Victoria, B.C. ....	1,395,059,647	—	—
<b>TOTALS .....</b>	<b>37,643,798,513</b>	<b>4,011,456,402</b>	<b>3,865,824,285</b>



## APPENDIX C

Statement showing Number of Cubic Feet of Surplus Natural Gas Exported, under the Authority of the Exportation of Power and Fluids and Importation of Gas Act, during the Fiscal Year ended March 31, 1959.

Name of Contractor and Place of Business	Number of Cubic Feet Exported
Mr. Gordon M. Plotke, Calgary, Alberta .....	4,044,000
Canadian-Montana Pipe Line Company, Calgary, Alberta .....	14,722,503,000
Westcoast Transmission Company, Limited, Calgary, Alberta .....	75,324,855,000
<b>TOTAL .....</b>	<b>90,051,402,000</b>

## APPENDIX D

Statement showing Number of Cubic Feet of Natural Gas Imported, under the Authority of the Exportation of Power and Fluids and Importation of Gas Act, during the Fiscal Year ended March 31, 1959.

Name of Contractor and Place of Business	Number of Cubic Feet Imported
Niagara Gas Transmission Limited, Toronto, Ontario .....	13,839,642,000
Union Gas Company of Canada Limited, Chatham, Ontario .....	10,345,666,000
Coutts Gas Company Limited, Coutts, Alberta .....	68,382,840
*Trans-Canada Pipe Lines Limited, Toronto, Ontario .....	330,671,000
**Westcoast Transmission Company, Limited, Calgary, Alberta .....	—
<b>TOTAL .....</b>	<b>24,584,361,840</b>

\*Emergency licence granted for ten-day period.

\*\* Import licence for emergency purposes.

## APPENDIX E

Statement showing Number of Barrels of Crude Oil Exported, under the Authority of the Exportation of Power and Fluids and Importation of Gas Act, during the Fiscal Year ended March 31, 1959.

Name of Contractor and Place of Business	Number of Barrels Exported
*Imperial Oil Limited, Toronto, Ontario .....	29,814,291
*The British American Oil Company Limited, Toronto, Ontario .....	12,963,686
*Canadian Oil Companies, Limited, Toronto, Ontario .....	9,754,975
*Regent Refining (Canada) Limited, Toronto, Ontario .....	6,266,329
*Husky Oil & Refining Ltd., Calgary, Alberta .....	—
*Sun Oil Company, Limited, Toronto, Ontario .....	3,026,100
*Cities Service Oil Company, Limited, Toronto, Ontario .....	1,189,360
Lake Superior Refining Company, Superior, Wisconsin .....	1,565,935
International Refining Corporation, Minneapolis, Minnesota .....	2,299,180
Shell Oil Company, Calgary, Alberta (through Trans Mountain pipe line) .....	1,528,408
Shell Oil Company, Calgary, Alberta (through Interprovincial pipe line) .....	907,532
Leonard Refineries, Inc., Alma, Michigan .....	—
General Petroleum Corporation, Los Angeles, California .....	5,784,897
Bay Refining Corporation, Saginaw, Michigan .....	1,404,122
Great Northern Oil Purchasing Company, Regina, Saskatchewan .....	11,102,282
West Branch Refineries, Inc., Reed City, Michigan .....	50,000
Texaco Exploration Company, Calgary, Alberta .....	—
Northwestern Refining Co., St. Paul Park, Minnesota .....	3,434,919
The Dow Chemical Company, Midland, Michigan .....	27,474
Lakehead Pipe Line Company, Inc., Superior, Wisconsin .....	—
<b>TOTAL .....</b>	<b>91,119,490</b>

\*All crude oil exported by these companies is returned to Canada for refining.

# APPENDIX F

## STATEMENT OF ELECTRIC METERS TESTED DURING FISCAL YEAR ENDED MARCH 31, 1959 WATTHOUR METERS

DISTRICT	ACCEPTED			REJECTED		New	Re-tests	Dis-putes	Totals	CLASS			
	Correct	Fast	Slow	Fast	Slow					1	2	3	4
Belleville .....	3,165	17,497	2,531	4	10	8,064	15,132	11	23,207	3,234	19,694	279	-
Calgary .....	2,775	21,680	2,269	11	54	12,123	14,565	101	26,789	6,784	19,045	960	-
Charlottetown .....	205	1,902	1,439	-	-	1,596	1,950	-	3,546	841	2,703	2	-
Edmonton .....	1,549	26,335	6,270	18	6	15,061	19,015	102	34,178	8,940	24,064	1,174	-
Fort William .....	2,430	5,553	611	5	5	3,209	5,395	-	8,604	1,156	7,359	89	-
Halifax .....	1,167	25,393	6,591	30	55	9,093	24,123	20	33,236	17,169	15,832	235	-
Hamilton .....	22,757	22,049	4,244	16	66	14,862	34,244	26	49,132	5,427	43,185	520	-
Kamloops .....	1,130	9,527	1,456	-	3	5,253	6,844	19	12,116	2,567	9,335	214	-
London .....	10,532	32,663	6,994	28	4	11,429	38,787	5	50,221	4,898	44,431	892	-
Montreal .....	10,123	59,061	45,790	523	409	49,999	65,807	100	115,906	38,389	76,769	748	-
Northwest Territories .....	23	452	168	2	-	267	377	1	645	120	503	22	-
Ottawa .....	3,792	38,275	2,928	4	4	17,151	27,831	21	45,003	5,580	39,227	196	-
Quebec .....	1,235	28,823	5,493	-	-	12,185	23,324	42	35,551	7,739	27,581	231	-
Regina .....	3,581	27,897	10,404	27	20	14,998	26,862	269	41,929	10,392	30,627	910	-
Saint John .....	2,923	16,002	4,280	34	28	5,482	17,606	179	23,267	12,042	10,919	306	-
St. John's (Nfld.) .....	750	8,550	3,354	-	15	3,476	9,174	19	12,669	7,484	5,125	60	-
Sudbury .....	7,614	24,387	5,806	113	196	9,420	28,624	72	38,116	6,461	31,232	423	-
Toronto .....	36,265	95,694	22,858	100	273	69,933	85,189	68	155,190	22,954	124,642	7,594	-
Trois Rivières .....	1,316	21,251	9,194	-	-	14,857	16,903	1	31,761	9,584	21,863	314	-
Vancouver .....	7,110	40,900	6,731	16	8	21,985	32,698	82	54,765	8,063	44,780	1,922	-
Victoria .....	900	11,026	2,969	1	-	4,576	10,297	23	14,896	3,050	11,599	247	-
Winnipeg .....	1,675	37,958	12,278	176	283	12,804	39,546	20	52,370	11,273	40,337	760	-
Yukon .....	54	387	36	-	1	124	353	1	478	246	206	26	-
TOTALS .....	123,071	573,262	164,694	1,108	1,440	317,947	544,446	1,182	863,575	194,393	651,058	18,124	-



## APPENDIX F

STATEMENT OF ELECTRIC METERS TESTED DURING FISCAL YEAR ENDED MARCH 31, 1959  
DEMAND METERS

DISTRICT	ACCEPTED				REJECTED		New	Re-tests	Disputes	Totals	CLASS			
	Correct	Fast	Slow		Fast	Slow					1	2	3	4
Belleville .....	2	4	5		—	—	—	9	2	11	11	—	—	—
Calgary .....	10	5	—		—	—	12	3	—	15	15	—	—	—
Charlottetown .....	—	—	—		—	—	—	—	—	—	—	—	—	—
Edmonton .....	—	2	—		—	—	—	2	—	2	2	—	—	—
Fort William .....	6	16	15		—	—	8	29	—	37	37	—	—	—
Halifax .....	2	9	13	1	—	—	11	14	—	25	25	—	—	—
Hamilton .....	94	52	15		—	—	39	120	2	161	161	—	—	—
Kamloops .....	4	6	—		—	—	—	10	—	10	—	—	10	—
London .....	44	30	33		—	—	36	69	2	107	105	—	—	2
Montreal .....	107	296	300	1	2	—	337	369	—	706	706	—	—	—
Northwest Territories.....	—	—	—		—	—	—	—	—	—	—	—	—	—
Ottawa .....	5	6	10		—	—	2	12	7	21	21	—	—	—
Quebec .....	64	67	100		—	—	106	115	10	231	231	—	—	—
Regina .....	2	—	—		—	—	1	1	—	2	2	—	—	—
Saint John .....	1	1	1		—	—	3	—	—	3	3	—	—	—
St. John's (Nfld.) .....	1	—	—		—	—	1	—	—	1	1	—	—	—
Sudbury .....	5	9	7	1	—	—	7	15	—	22	22	—	—	—
Toronto .....	173	51	58		—	—	58	224	—	282	282	—	—	—
Trois Rivières .....	94	101	55		—	—	65	185	—	250	250	—	—	—
Vancouver .....	50	137	113	1	1	—	23	277	1	301	301	—	—	—
Victoria .....	—	—	—		—	—	—	—	—	—	—	—	—	—
Winnipeg .....	1	13	19	1	1	—	23	9	2	34	34	—	—	—
Yukon .....	—	—	—		—	—	—	—	—	—	—	—	—	—
<b>TOTALS .....</b>	<b>665</b>	<b>805</b>	<b>744</b>		<b>4</b>	<b>3</b>	<b>732</b>	<b>1,463</b>	<b>26</b>	<b>2,221</b>	<b>2,209</b>	<b>—</b>	<b>10</b>	<b>2</b>

# APPENDIX F

## STATEMENT OF ELECTRIC METERS TESTED DURING FISCAL YEAR ENDED MARCH 31, 1959 COMBINATION METERS

DISTRICT	ACCEPTED			REJECTED		New	Re-tests	Dis- putes	Totals	CLASS			
	Correct	Fast	Slow	Fast	Slow					1	2	3	4
Belleville .....	172	771	190	-	-	515	615	3	1,133	142	761	230	-
Calgary .....	33	434	64	-	-	288	242	1	531	37	252	242	-
Charlottetown .....	15	173	185	-	1	166	206	2	374	17	292	65	-
Edmonton .....	26	706	208	-	7	657	285	5	947	75	554	318	-
Fort William .....	169	256	75	-	-	239	261	-	500	110	287	103	-
Halifax .....	90	1,960	603	4	2	1,881	777	1	2,659	264	1,858	537	-
Hamilton .....	1,990	616	491	-	-	1,042	2,055	-	3,097	396	1,828	873	-
Kamloops .....	91	540	129	1	1	348	413	1	762	64	518	180	-
London .....	1,244	912	582	1	-	961	1,777	1	2,739	206	1,770	763	-
Montreal .....	1,369	6,156	4,896	37	63	2,759	9,755	7	12,521	681	10,094	1,746	-
Northwest Territories .....	-	12	5	-	-	3	4	-	17	-	10	7	-
Ottawa .....	1,242	465	1,332	1	2	1,491	1,550	1	3,042	465	2,166	411	-
Quebec .....	116	3,446	650	-	-	1,369	2,836	7	4,212	368	3,453	391	-
Regina .....	146	1,415	542	-	-	2,012	89	2	2,103	342	1,410	351	-
Saint John .....	24	319	68	-	-	160	251	-	411	55	129	227	-
St. John's (Nfld.) .....	12	276	56	-	1	269	74	2	345	-	270	75	-
Sudbury .....	760	581	1,031	9	11	1,607	784	1	2,392	172	1,847	373	-
Toronto .....	3,684	823	1,988	-	-	2,569	3,926	-	6,495	335	3,684	2,476	-
Trois Rivières .....	95	2,214	1,567	-	-	1,618	2,258	-	3,876	450	3,046	380	-
Vancouver .....	173	425	299	-	1	372	523	3	898	40	659	199	-
Victoria .....	21	507	101	-	-	285	341	3	629	35	494	100	-
Winnipeg .....	4	70	26	2	1	53	47	3	103	11	6	86	-
Yukon .....	3	3	-	-	-	3	3	-	6	-	3	3	-
TOTALS .....	11,479	23,080	15,088	55	90	20,677	29,072	43	49,792	4,265	35,391	10,136	-



## APPENDIX F

STATEMENT OF ELECTRICITY METERS TESTED DURING FISCAL YEAR ENDED MARCH 31, 1959  
PREPAYMENT METERS

DISTRICT	ACCEPTED			REJECTED		New	Retests	Disputes	Totals	CLASS			
	Correct	Fast	Slow	Fast	Slow					1	2	3	4
Belleville.....	-	3	-	-	-	-	3	-	3	3	-	-	-
Calgary.....	-	-	-	-	-	-	-	-	-	-	-	-	-
Charlottetown.....	-	6	2	-	-	5	3	-	8	7	1	-	-
Edmonton.....	-	-	-	-	-	-	-	-	-	-	-	-	-
Fort William.....	-	-	-	-	-	-	-	-	-	-	-	-	-
Halifax.....	-	-	-	-	-	-	-	-	-	-	-	-	-
Hamilton.....	-	-	-	-	-	-	-	-	-	-	-	-	-
Kamloops.....	-	1	-	-	-	-	1	-	1	1	-	-	-
London.....	2	1	2	-	-	-	5	-	5	2	3	-	-
Montreal.....	-	-	-	-	-	-	-	-	-	-	-	-	-
Northwest Terr. ....	-	-	-	-	-	-	-	-	-	-	-	-	-
Ottawa.....	1	-	-	-	-	-	1	-	1	1	-	-	-
Quebec.....	-	-	-	-	-	-	-	-	-	-	-	-	-
Regina.....	-	-	-	-	-	-	-	-	-	-	-	-	-
Saint John.....	-	-	-	-	-	-	-	-	-	-	-	-	-
St. John's (Nfld.) ..	-	-	-	-	-	-	-	-	-	-	-	-	-
Sudbury.....	-	-	-	-	-	-	-	-	-	-	-	-	-
Toronto.....	-	1	1	-	-	-	2	-	2	-	2	-	-
Trois Rivieres.....	-	-	-	-	-	-	-	-	-	-	-	-	-
Vancouver.....	2	2	4	-	-	8	-	-	8	8	-	-	-
Victoria.....	-	7	-	-	-	-	7	-	7	7	-	-	-
Winnipeg.....	-	-	-	-	-	-	-	-	-	-	-	-	-
Yukon.....	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>TOTALS .....</b>	<b>5</b>	<b>21</b>	<b>9</b>	<b>-</b>	<b>-</b>	<b>13</b>	<b>22</b>	<b>-</b>	<b>35</b>	<b>29</b>	<b>6</b>	<b>-</b>	<b>-</b>

## APPENDIX F - SUMMARY

Watthour .....	123, 071	573, 262	164, 694	1, 108	1, 440	317, 947	544, 446	1, 182	863, 575	194, 393	651, 058	18, 124	-
Demand.....	665	805	744	4	3	732	1, 463	26	2, 221	2, 209	-	10	2
Combination .....	11, 479	23, 080	15, 088	55	90	20, 677	29, 072	43	49, 792	4, 265	35, 391	10, 136	-
Prepayment .....	5	21	9	-	-	13	22	-	35	29	6	-	-
<b>TOTALS .....</b>	<b>135, 220</b>	<b>597, 168</b>	<b>180, 535</b>	<b>1, 167</b>	<b>1, 533</b>	<b>339, 369</b>	<b>575, 003</b>	<b>1, 251</b>	<b>915, 623</b>	<b>200, 896</b>	<b>686, 455</b>	<b>28, 270</b>	<b>2</b>

## APPENDIX G

## STATEMENT OF GAS METERS TESTED DURING FISCAL YEAR ENDED MARCH 31, 1959

DISTRICT	ACCEPTED			REJECTED		New	Retests	Disputes	Totals	CLASS						
	Correct	Fast	Slow	Fast	Slow					1	2	3	4	5	S.P.	R.
Belleville .....	1,122	947	985	—	—	2,563	491	—	3,054	3,025	17	3	9	—	—	—
Calgary .....	7,525	6,510	5,562	7	—	8,372	11,218	14	19,604	19,296	157	98	12	41	—	—
Edmonton .....	1,557	1,996	19,322	2	2	8,677	14,192	10	22,879	22,611	103	109	5	51	—	—
Fort William.....	1,086	846	1,649	—	1	3,581	1	—	3,582	3,528	23	27	—	4	—	—
Halifax.....	7	33	80	3	7	4	126	—	130	130	—	—	—	—	—	—
Hamilton .....	9,495	3,707	11,322	6	3	13,532	10,992	9	24,533	24,339	109	42	2	40	—	1
Kamloops .....	384	248	1,298	—	—	1,720	206	4	1,930	1,886	33	9	1	1	—	—
London.....	6,298	4,090	16,957	17	7	12,850	14,517	2	27,369	27,153	95	80	3	36	—	2
Montreal.....	1,380	7,633	22,254	424	428	3,559	28,487	73	32,119	32,018	62	33	2	2	—	2
Ottawa .....	704	714	954	—	6	2,365	12	1	2,378	2,329	43	4	—	1	—	1
Quebec.....	159	472	434	—	—	2	1,063	—	1,065	1,053	7	4	—	—	1	—
Regina .....	2,433	5,913	7,753	5	—	14,172	1,918	14	16,104	15,792	187	91	—	34	—	—
Saint John .....	12	38	27	—	1	—	75	3	78	78	—	—	—	—	—	—
Sudbury .....	624	2,519	930	7	5	3,484	601	—	4,085	4,022	34	20	3	6	—	—
Toronto .....	15,352	9,164	18,694	7	1	25,277	17,928	13	43,218	42,848	234	89	13	34	—	—
Trois Rivières .....	4	89	51	1	—	—	142	3	145	145	—	—	—	—	—	—
Vancouver .....	6,772	4,029	14,720	112	190	20,103	5,704	16	25,823	25,652	94	48	6	20	—	3
Victoria .....	100	476	1,255	—	—	339	1,492	—	1,831	1,823	5	3	—	—	—	—
Winnipeg.....	263	2,784	4,792	110	17	6,651	1,312	3	7,966	7,886	39	29	—	12	—	—
TOTALS .....	55,277	52,203	129,039	701	668	127,251	110,477	165	237,893	235,614	1,242	689	56	282	1	9



## APPENDIX G

## STATEMENT OF AUXILIARY ATTACHMENTS (GAS) TESTED DURING FISCAL YEAR ENDED MARCH 31, 1959

DISTRICT	ACCEPTED			REJECTED		New	Retest	Disputes	Totals	CLASS					
	Correct	Fast	Slow	Fast	Slow					OP	S	D	BP	BV	VP
Belleville .....	7	7	5	-	-	19	-	-	19	17	-	-	1	1	-
Calgary .....	16	33	24	-	-	45	28	-	73	-	-	-	71	2	-
Charlottetown .....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Edmonton .....	54	59	61	-	-	164	10	-	174	120	-	-	48	3	1
Fort William .....	9	11	5	-	-	19	6	-	25	15	4	4	-	2	-
Halifax .....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hamilton .....	134	16	58	-	-	207	1	-	208	91	-	-	3	9	105
Kamloops .....	9	12	2	-	-	21	2	-	23	2	-	6	14	-	-
London .....	29	28	18	2	-	75	2	-	77	18	-	-	6	18	35
Montreal .....	3	-	-	-	-	3	-	-	3	3	-	-	-	-	-
Ottawa .....	20	-	-	-	-	20	-	-	20	20	-	-	-	-	-
Quebec .....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Regina .....	10	27	49	-	-	82	4	-	86	-	2	2	75	7	-
Saint John .....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
St. John's .....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Sudbury .....	51	62	84	-	-	197	-	-	197	183	-	-	-	14	-
Trois Rivières .....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Toronto .....	58	86	108	-	-	249	3	-	252	239	-	-	1	1	11
Vancouver .....	101	1	1	-	-	72	31	-	103	-	-	-	70	13	16
Victoria .....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Winnipeg .....	89	28	9	1	1	109	18	1	128	83	6	8	12	10	6
<b>TOTALS .....</b>	<b>590</b>	<b>370</b>	<b>424</b>	<b>3</b>	<b>1</b>	<b>1,282</b>	<b>105</b>	<b>1</b>	<b>1,388</b>	<b>791</b>	<b>12</b>	<b>20</b>	<b>301</b>	<b>80</b>	<b>174</b>
															<b>10</b>

OP — Orifice Plate; S — Static Pressure Gauge; D — Differential Pressure Gauge; BP — Base Pressure Index; BV — Base Volume Index; VP — Volume Pressure Gauge; T — Temperature Recording Gauge, or Thermometer.

## APPENDIX G — SUMMARY

Gas Meters .....	55,277	52,208	129,039	701	668	127,251	110,477	165	237,893
Aux. Attachments .....	590	370	424	3	1	1,282	105	1	1,388
<b>TOTALS</b>	<b>55,867</b>	<b>52,578</b>	<b>129,463</b>	<b>704</b>	<b>669</b>	<b>128,533</b>	<b>110,582</b>	<b>166</b>	<b>239,281</b>

# APPENDIX H

## ELECTRICITY INSPECTION ACT, GAS INSPECTION ACT AND EXPORTATION OF POWER AND FLUIDS AND IMPORTATION OF GAS ACT STATEMENT OF EXPENDITURE AND REVENUE DURING FISCAL YEAR ENDED MARCH 31, 1959

DISTRICTS	DISTRICT INSPECTOR	ELECTRICITY		GAS		GRAND TOTAL	
		Total Expenditure	Total Revenue	Total Expenditure	Total Revenue	Elec. & Gas Expenditure	Elec. & Gas Revenue
		\$	\$	\$	\$	\$	\$
Belleville .....	Fountain, G.A. ....	24,104.38	20,844.00	2,817.99	1,992.60	26,922.37	22,836.60
Calgary .....	Park, A.S. ....	18,955.89	21,003.80	10,122.31	12,345.40	29,078.20	33,349.20
Charlottetown .....	Strain, J.F. ....	5,254.46	3,404.30	—	—	5,254.46	3,404.30
Edmonton .....	Waterhouse, H.A. ....	22,560.95	28,320.80	14,288.38	14,369.00	36,849.33	42,689.80
Fort William .....	Briggs, J.F. ....	7,676.39	7,997.40	860.43	2,285.40	8,536.82	10,282.80
Halifax .....	Fty, W.C. ....	27,437.59	28,337.50	1,269.25	78.00	28,706.84	28,415.50
Hamilton .....	Briggs, C.D. ....	49,053.65	44,491.15	13,061.87	15,718.00	62,115.52	60,209.15
Kamloops .....	Heaven, A.L. ....	8,905.76	11,352.60	1,686.69	1,276.20	10,592.45	12,628.80
London .....	Anderson, H.R. ....	54,668.77	43,600.25	23,754.43	17,613.40	78,423.20	61,213.65
Montreal .....	Neysmith, J.F. ....	98,151.56	112,376.55	40,388.71	20,631.30	138,540.27	133,007.85
Northwest Territories (Edmonton)	Waterhouse, H.A. ....	169.25	532.50	—	—	169.25	532.50
Ottawa .....	Miller, W.F. ....	37,148.01	41,063.20	3,794.06	1,389.40	40,942.07	42,452.60
Quebec .....	Trudel, J.R. ....	35,062.69	34,993.55	1,592.25	655.80	36,654.94	35,649.35
Régina .....	Fletcher, W.E. ....	26,563.50	36,077.70	8,374.42	9,816.20	34,937.92	45,893.90
Saint John, N.B. ....	Lennerton, T.H. ....	23,908.09	17,610.70	1,129.88	37.80	25,037.97	17,648.50
St. John's, Nfld. ....	Rossiter, V.P. ....	19,003.68	9,106.05	—	—	19,003.68	9,106.05
Sudbury .....	Pirainen, G.O. ....	35,353.63	36,795.70	2,662.13	2,650.10	38,015.76	39,445.80
Toronto .....	Finley, W.W. & McDow, W.R.	118,012.48	131,407.60	33,949.75	26,495.80	151,962.23	157,903.40
Trois Rivières .....	Readman, G. ....	28,189.03	31,938.15	1,404.00	65.40	29,593.03	32,003.55
Vancouver .....	Ward, R.G.D. ....	46,865.74	40,299.95	15,895.75	16,185.70	62,761.49	56,485.65
Victoria .....	Teece, E.R. ....	12,530.98	11,869.05	2,013.00	1,674.20	14,543.98	13,543.25
Winnipeg .....	Young, N.H. ....	40,531.01	38,968.85	7,516.19	5,085.80	48,047.20	44,054.65
Yukon (Vancouver) .....	Ward, R.G.D. ....	330.90	330.80	—	—	330.90	330.80
GENERAL .....		20,040.24	—	2,745.24	—	22,785.48	—
TOTAL .....		760,478.63	752,722.15	189,326.73	150,363.50	949,805.36	903,087.65
Electricity Export — Revenue & Expenditure .....		472.31	1,190,360.40	—	—	472.31	1,190,360.40
Electricity Export Licence Fees .....		—	503.75	—	—	—	503.75
Gas Export Licence Fees .....		—	—	—	25.00	—	25.00
Gas Import Licence Fees .....		—	—	—	25.00	—	25.00
Gas Export Expenditure .....		—	—	50.58	—	50.58	—
Crude Oil Licence Fees .....		—	—	—	500.00	—	500.00
Electrical Lab. Fees .....		—	900.90	—	—	—	900.90
Refund of Previous Years Expenditure .....		—	—	—	.22	—	.22
TOTAL EXPENDITURE AND REVENUE .....		760,950.94	1,944,487.20	189,377.31	150,915.72	950,328.25	2,095,402.92



## APPENDIX I

Official list of Weights and Measures Districts in Canada, with the Territorial Extent of each.

DISTRICT:	DISTRICT COMPOSED OF:
Belleville, Ont. ....	The Cities of Belleville, Kingston and Peterborough, and the Counties of Lennox, Leeds, Addington, Frontenac, Durham and Hastings, Northumberland, Peterbrough, Prince Edward, Victoria, and the Provisional County of Haliburton
Calgary, Alta. ....	That portion of the Province of Alberta lying to the south of the 52nd Parallel of Latitude
Charlottetown, P.E.I. ....	The Whole of Prince Edward Island
Edmonton, Alta. ....	That portion of the Province of Alberta lying to the North of the 52nd Parallel of Latitude
Fort William, Ont. ....	That area in Ontario West from the Pic River to the Manitoba Boundary
Halifax, N.S. ....	The whole of the Province of Nova Scotia, including Cape Breton Island
Hamilton, Ont. ....	The Cities of Hamilton, Guelph, Kitchener, St. Catharines, Welland and Niagara Falls, and the Counties of Haldimand, Halton, Lincoln, Waterloo Welland, Wellington and Wentworth
London, Ont. ....	The Cities of London, Windsor, Chatham, Brantford, Sarnia, St. Thomas, Stratford and Woodstock, and the Counties of Bruce, Essex, Huron, Kent, Lambton, Perth, Brant, Elgin, Middlesex, Norfolk and Oxford
Montreal, P.Q. ....	The City of Montreal, and the Counties of Argenteuil, Beauharnois, Chambly, Chateauguay, Hochelaga, Huntingdon, Jacques-Cartier, Laval, LaPrairie, Napierville, Soulanges, Terrebonne, Two Mountains, Vaudreuil, St. Johns, St. Hyacinthe, Vercheres, Rouville and Bagot
Ottawa, Ont. ....	The City of Ottawa, and the Counties of Carleton, Lanark, Prescott, Renfrew, Russell, Glengarry, Stormont, Dundas and Grenville in the Province of Ontario; and the City of Hull and the Counties of Pontiac, Gatineau, Papineau and Labelle in the Province of Quebec
Quebec, P.Q. ....	The City of Quebec, and the Counties of Beauce, Bellechasse, Bonaventure, Charlevoix, Chicoutimi, Dorchester, Gaspé North, Gaspé South, Kamouraska, Levis, L'Islet, Lotbinière, Megantic, Montmorency, Portneuf, Quebec, Rimouski, Rivière du Loup, Temiscouata, Lake St. John, Roberval, Matapédia, Matane, Anticosti and the Magdalen Islands, and all that Portion of the Province of Quebec lying East of the Eastern Boundary of the County of Chicoutimi
Regina, Sask. ....	That Portion of the Province of Saskatchewan lying to the South of the 51st Parallel of Latitude
Saint John, N.B. ....	The Whole of the Province of New Brunswick
Saskatoon, Sask. ....	That Portion of the Province of Saskatchewan lying to the North of the 51st Parallel of Latitude
Sherbrooke, P.Q. ....	The City of Sherbrooke, and the Counties of Brome, Compton, Missisquoi, Richmond, Shefford, Sherbrooke, Stanstead, Wolfe, Iberville, Drummond, Arthabaska and Frontenac
St. John's, Nfld. ....	The Whole of the Province of Newfoundland
Sudbury, Ont. ....	The Cities of Sudbury, Sault Ste. Marie and North Bay, and the Electoral Districts of Nipissing, Temiskaming, Parry Sound, Cochrane, Algoma West, Algoma East, and all that Portion of Port Arthur lying East of the Pic River in the Province of Ontario, and the County of Temiskaming and all that Portion of Abitibi lying West of the Eastern Boundary of the Municipality of Senneterre and of a line drawn North and South to continue such Eastern Boundary of Senneterre

# **APPENDIX 1 – Concluded**

Official list of Weights and Measures Districts in Canada, with the Territorial Extent of each.

DISTRICT:	DISTRICT COMPOSED OF:
Trois-Rivieres, P.Q. ....	The City of Trois-Rivieres, and the Counties of Berthier, Champlain, Joliette, L'Assomption, Maskinonge, Montcalm, St. Maurice, Laviolette, Nicolet, Richelieu, Yamaska, and all that Portion of Abitibi lying East of the Western Boundary of the Municipality of Dollard and of a line drawn North and South to continue such Western Boundary of Dollard
Toronto, Ont. ....	The City of Toronto, and the Counties of Dufferin, Ontario, Peel, York, Grey and Simcoe, and the District of Muskoka
Vancouver, B.C. ....	The Whole of the Province of British Columbia.
Winnipeg, Man. ....	The Whole of the Province of Manitoba



## APPENDIX J

Showing the Number of Weights and Weighing Machines VERIFIED in each Inspection District From  
JANUARY 1st, to DECEMBER 31st, 1958

DISTRICTS	WEIGHING MACHINES										WEIGHTS		
	Portable Steel-yard Suspension	DORMANT PLATFORM SCALES						Equal Arm	Com-puting	Auto-matic		Metric and Comb. Avoirdupois Metric	Miscellaneous
		Under 6,000 Lbs.	6,000 Lbs. and Over	Grain Elevator Hopper	Wagon or Truck	Grain Elevator Truck	Rail-way Track						
Belleville .....	2,670	234	111	8	235	—	9	721	2,140	4	73	3,850	
Calgary .....	3,434	125	174	729	198	721	23	515	2,081	15	312	3,156	
Charlottetown .....	562	—	22	—	—	—	1	141	416	1	—	279	
Edmonton .....	5,211	160	289	926	167	831	15	1,099	3,391	5	923	6,078	
Fort William .....	915	33	18	190	87	2	9	169	962	—	75	1,190	
Halifax .....	2,742	67	52	8	187	—	23	824	3,128	9	—	2,298	
Hamilton .....	4,440	643	300	32	365	—	51	1,056	3,630	5	13	8,340	
London .....	4,749	640	394	19	520	—	30	1,481	6,064	64	7	9,695	
Montreal .....	13,018	576	291	54	424	—	46	3,527	10,084	43	226	18,553	
Northwest Terr. ....	52	—	—	—	2	—	—	6	28	—	—	41	
Ottawa .....	2,952	229	42	12	177	—	10	567	3,329	2	49	2,609	
Quebec .....	6,542	134	44	16	226	—	25	1,390	6,235	20	464	11,262	
Regina .....	4,075	28	73	1,217	211	1,207	7	689	1,780	—	682	4,717	
Saint John, N.B. ....	1,748	59	16	19	72	—	19	592	2,021	2	31	2,831	
St. John's, Nfld. ....	2,515	33	6	1	33	—	6	1,879	2,086	—	—	7,643	
Saskatoon .....	4,126	47	70	1,625	213	1,594	8	736	2,558	—	1,001	4,659	
Sherbrooke .....	6,385	256	81	—	93	—	6	816	2,822	6	186	9,092	
Sudbury .....	1,042	31	16	—	191	—	29	272	1,494	—	1	1,521	
Toronto .....	8,657	676	358	37	538	—	22	2,548	6,938	22	228	11,814	
Trois Rivières .....	3,068	232	76	11	82	—	12	474	2,388	3	131	4,741	
Vancouver .....	6,196	390	212	51	205	—	37	2,073	6,275	26	26	7,554	
Winnipeg .....	5,988	206	173	633	285	676	16	1,229	3,825	—	601	9,226	
Yukon .....	96	2	—	—	1	—	—	23	42	—	—	130	
Totals .....	91,183	4,801	2,818	5,588	4,512	5,031	404	22,827	73,717	227	5,029	131,279	

## APPENDIX K

Showing the Number of Weights and Weighing Machines REJECTED in each Inspection District From  
JANUARY 1st, to DECEMBER 31st, 1938

DISTRICTS	WEIGHING MACHINES										WEIGHTS	
	Portable Steel- yard Sus- pension	DORMANT PLATFORM SCALES						Equal Arm	Com- puting	Auto- matic		Metric and Comb. Avoir- dupois Metric
		Under 6,000 Lbs.	6,000 Lbs. Over	Grain Eleva- tor Hopper	Wagon or Truck	Grain Eleva- tor Truck	Rail- way Track					
Belleville .....	159	38	12	—	40	—	—	22	132	—	2	9
Calgary .....	154	13	19	57	24	40	—	10	110	—	5	18
Charlottetown .....	29	—	10	—	—	—	—	10	38	—	—	—
Edmonton .....	249	23	66	82	60	144	—	22	189	—	7	63
Fort William .....	55	9	6	—	20	—	—	3	77	—	4	6
Halifax .....	282	6	6	—	22	—	2	37	330	—	—	20
Hamilton .....	273	53	25	—	74	—	3	32	288	—	—	43
London .....	170	17	32	—	80	—	4	32	129	1	—	34
Montreal .....	527	42	28	2	60	—	3	74	507	—	4	77
Northwest Terr. ....	5	—	—	—	—	—	—	—	8	—	—	—
Ottawa.....	190	20	5	—	39	—	—	23	166	—	—	20
Quebec .....	247	4	4	—	32	—	1	18	136	—	6	89
Regina .....	98	3	6	68	18	59	1	4	111	—	2	12
Saint John, N.B. ....	163	11	3	1	21	—	—	26	151	—	2	52
St. John's, Nfld. ....	167	16	2	—	10	—	1	133	138	—	—	90
Saskatoon .....	67	2	4	31	19	38	—	1	85	—	4	8
Sherbrooke .....	118	28	9	—	10	—	1	18	79	—	6	—
Sudbury .....	48	6	2	—	33	—	2	6	77	—	—	1
Toronto .....	285	52	36	—	133	—	—	48	342	—	—	53
Trois Rivières .....	116	20	7	—	10	—	—	3	178	—	1	18
Vancouver .....	484	38	20	—	24	—	1	99	304	2	5	28
Winnipeg .....	327	43	22	69	50	65	—	53	221	—	6	74
Yukon .....	7	1	—	—	—	—	—	—	11	—	—	—
TOTALS .....	4,220	445	324	310	779	346	19	674	3,807	3	54	715



## APPENDIX L

Showing the Number of Measures of Capacity, Measuring Devices, Lineal Measures and Miscellaneous VERIFIED in each Inspection District From  
JANUARY 1st, to DECEMBER 31st, 1958

DISTRICTS	MEASURES OF LENGTH		MEASURES OF VOLUME							
	Static	Mechanical	STATIC				MECHANICAL			
			Miscellaneous	Oil Tanks and Tank Trucks	Miscellaneous	Self Measuring Pumps	Visible Pumps	Meter Pumps (Service Station)	Bulk Meters (Mounted on Tank Trucks)	Bulk Meters (Large Cap. or Others)
Belleville .....	298	7	155	41	16	155	7	2,800	309	710
Calgary .....	—	—	205	154	87	11	74	2,640	233	457
Charlottetown .....	—	—	—	15	—	29	17	356	16	7
Edmonton .....	22	—	248	254	24	54	283	3,863	383	753
Fort William .....	2	—	43	29	36	3	8	1,050	147	27
Halifax .....	160	2	37	164	—	83	5	2,455	221	107
Hamilton .....	—	9	15	119	3	39	—	4,236	421	160
London .....	—	—	3	110	111	58	2	4,834	139	96
Montreal .....	2,782	—	1,725	519	828	93	29	5,602	1,981	412
Northwest Terr. ....	—	—	1	—	—	—	—	29	9	10
Ottawa .....	—	21	—	36	5	99	26	3,371	262	86
Quebec .....	704	7	330	97	7	58	36	4,856	458	227
Regina .....	113	—	1,023	273	4	43	280	2,319	474	416
Saint John, N.B. ....	12	4	9	90	1	24	5	1,811	202	40
St. John's, Nfld. ....	56	—	722	15	1	21	10	691	134	57
Saskatoon .....	—	—	587	99	—	74	354	2,692	546	263
Sherbrooke .....	797	2	690	23	—	81	22	2,072	123	45
Sudbury .....	—	—	—	22	8	16	6	1,291	134	49
Toronto .....	675	—	232	440	559	70	2	13,572	1,165	2,438
Trois Rivières .....	527	3	260	23	9	2	13	1,654	206	22
Vancouver .....	—	9	52	104	83	21	180	5,517	885	1,200
Winnipeg .....	6	—	702	293	2	45	140	3,059	812	287
Yukon .....	—	—	—	11	—	—	8	194	29	32
TOTALS .....	6,154	64	7,039	2,931	1,784	1,079	1,507	70,964	9,289	7,901

# APPENDIX M

Showing the Number of Measures of Capacity, Measuring Devices, Lineal Measures and Miscellaneous REJECTED in each Inspection District From  
JANUARY 1st, to DECEMBER 31st, 1958

DISTRICTS	MEASURES OF LENGTH		MEASURES OF VOLUME							
	Static	Mechanical	STATIC		MECHANICAL					
			Miscellaneous	Oil Tanks and Tank Trucks	Miscellaneous	Self Measuring Pumps	Visible Pumps	Meter Pumps (Service Station)	Bulk Meters (Mounted on Tank Trucks)	Bulk Meters (Large Cap. or Others)
Belleville .....	1	—	—	3	—	9	—	468	22	8
Calgary .....	—	—	16	—	—	—	1	117	26	53
Charlottetown .....	—	—	—	—	—	2	7	48	3	—
Edmonton .....	—	—	3	—	—	—	17	226	34	87
Fort William .....	—	—	—	2	—	—	—	110	5	12
Halifax .....	—	1	—	6	—	5	3	210	14	8
Hamilton .....	—	1	—	—	—	3	—	353	59	1
London .....	—	—	—	—	—	2	—	393	7	3
Montreal .....	—	—	7	50	2	—	2	366	310	61
Northwest Terr. ....	—	—	—	—	—	—	—	—	1	4
Ottawa.....	—	—	—	1	—	4	1	281	16	19
Quebec .....	—	—	—	5	—	2	2	235	15	8
Regina.....	—	—	2	1	—	—	9	102	59	41
Saint John, N.B. ....	—	—	—	5	—	3	—	257	30	—
St. John's, Nfld. ....	—	—	—	—	3	1	2	38	5	3
Saskatoon .....	—	—	1	—	—	2	12	138	44	19
Sherbrooke .....	—	—	—	—	—	2	1	123	8	4
Sudbury .....	—	—	—	—	—	2	—	230	5	1
Toronto .....	—	—	—	—	1	5	1	522	37	2
Trois Rivières .....	—	—	—	—	—	—	—	128	7	—
Vancouver .....	—	1	5	—	—	—	4	522	55	108
Winnipeg .....	—	—	20	3	—	2	20	287	87	31
Yukon .....	—	—	—	—	—	—	2	13	2	—
TOTALS .....	1	3	54	76	6	44	84	5,167	861	473



## APPENDIX N

## CASUAL SHORT WEIGHT INSPECTIONS

January 1, 1958, to December 31, 1958

Number of Stores Visited	Number of Scales Checked			Number of Prepackaged Items Checked		
	Correct	Fast	Slow	Correct	Overweight	Short in Weight
18,115	39,009	653	359	282,860	87,338	16,789

## SHORT WEIGHT PURCHASES

Number of Stores Visited	Number of Purchase Vouchers	Condition of Items Purchased		
		Correct	Overweight	Short in Weight
176	184	232	186	186

## SEIZURES

Number of Meters — 0

Scales — 24

Weights — 0

Measures — 0

## PROSECUTIONS AND WARNINGS

Section of Weights and Measures Acts	Prosecutions	Warnings	* NOTE: — 8 charges were laid.
Section 26	—	1,512	
Section 43	3	1,915	
Section 45	1	905	
Other Sections	1	12	
TOTALS	5*	4,344	

## APPENDIX O

**WEIGHTS AND MEASURES ACT**  
**STATEMENT OF REVENUE AND EXPENDITURE**  
**Fiscal Year ended March 31, 1959**

DISTRICTS	DISTRICT INSPECTORS	Total Expenses	Total Revenue
		\$	\$
Belleville .....	Flurey, T.J. ....	33,796.61	24,508.63
Calgary .....	Hinton, R.H. ....	37,362.50	33,798.10
Charlottetown .....	Trainor, J.I. ....	6,178.09	3,148.30
Edmonton .....	Winram, W.M. ....	55,045.20	52,890.10
Fort William .....	Rickards, R.F. ....	14,771.21	12,027.94
Halifax .....	Baird, A.A. ....	27,766.14	23,905.30
Hamilton .....	Joyce, C.J. ....	52,517.38	41,245.69
London .....	Ashley, H.G.W. ....	51,256.18	45,671.09
Montreal .....	Caron, R. ....	120,074.75	100,880.40
Northwest Terr. ....	Waterhouse, H.A. (E&G) ....	521.11	544.40
Ottawa .....	Edgerton, S.J. ....	37,572.81	25,043.65
Quebec .....	Brousseau, L. ....	59,441.51	42,034.46
Regina .....	Palmer, E.D. ....	44,806.19	42,793.99
Saint John .....	Kokesh, J.W. & Jewett, F.C. ....	29,091.89	15,007.71
St. John's (Nfld.) ....	Rossiter, V.P. ....	40,446.36	11,129.96
Saskatoon .....	Morgan, G.H. ....	51,240.23	42,529.10
Sherbrooke .....	Couture, J.H.L. ....	26,181.90	24,312.40
Sudbury .....	Finner, D.J. ....	31,931.74	15,951.85
Trois Rivières .....	Scott, J.W. & Roberge, C. ....	26,768.20	19,255.20
Toronto .....	James, R.I. & Stalker, C.H. ....	112,530.30	105,779.13
Vancouver .....	Butterfield, E.S. ....	67,924.19	52,469.09
Winnipeg .....	Burrows, J.A. ....	54,763.53	44,935.60
Yukon .....	R.C.M.P. ....	2,037.40	1,357.90
<b>Totals .....</b>		<b>984,025.42</b>	<b>781,219.99</b>
General (including printing, stationery, office equipment, acquisition of equipment, departmental trucks, etc.) .....		32,436.19	—
Laboratory (Calibration of Weights & Measures) .....		—	4,427.85
Post Office Department (Salaries and Expenses included in District totals) .....		—	16,000.00
Short Weight Inspection .....		3,051.62	—
Fines and Penalties .....		—	155.00
Refund Previous Years Expenditures .....		—	319.84
Miscellaneous .....		—	26.42
<b>TOTAL EXPENDITURE AND REVENUE .....</b>		<b>1,019,513.23</b>	<b>802,149.10</b>



## APPENDIX P

**STATEMENT SHOWING tests performed by the Standards Laboratory during  
the Fiscal Year ended March 31, 1959**

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**WEIGHTS AND MEASURES****Laboratory Standards Tested**

Metric Standards .....	145
Avoirdupois Standards .....	130
Decimal Avoirdupois .....	36
Special Purpose .....	46
Grain .....	147
Troy .....	48
Steel Measures Master .....	4
50-gallon Measures .....	2
50-pound Cast Iron .....	45
100-gallon Prover .....	1

**Reference Standards Tested for Field Use**

Imperial Measures .....	3
Metric Weights .....	330
Avoirdupois Standards .....	210
Decimal Avoirdupois .....	48
Grain Weights .....	84
Precision Balances .....	4

**Field Working Standards**

Inspectors' Nest Weights .....	1,672
Inspectors' Steel Weights .....	1,134
Dairy Weights .....	160
Bushel Decimal .....	110
Steel Test Measures .....	136
Portable Kits and Balances and 50-pound Balances .....	34
50-gallon Steel Test Tanks .....	7
New Weights .....	174
1000-pound Iron Weights .....	24
100-gallon Prover Tank .....	2
600-gallon Prover Tank .....	2
Metric Fractional Weights .....	12

**Verification for Commercial Firms, Government Departments,  
and Scientific Work**

Approval for Apparatus .....	43
Troy Weights .....	184
Metric .....	269
Moisture Determination .....	31
Odd Weights .....	151
Volumetric Tests .....	14
Blood Dilution Pipettes .....	54
Calibration of Dairy Glassware .....	44,385

## APPENDIX P

**STATEMENT SHOWING tests performed by the Standards Laboratory during  
the Fiscal Year ended March 31, 1959**

**ELECTRICITY AND GAS****Verification of Standards for the Field**

Rotating Standards .....	573	Stop Watches .....	44
Wattmeters .....	175	Standard Cells .....	1
Voltmeters .....	42	Phantom Load .....	1
Ammeters .....	19	Voltammeters .....	3

**Verification of Instruments for Commercial Companies**

Rotating Standards .....	82	Phase Angle Meter .....	1
Wattmeters .....	20	Orifice Plates .....	31
Voltmeters .....	9	Methane Gas .....	1
Ammeters .....	4	Sangamo Counter .....	1
Power Factor Meters .....	1	Wet Test Meters .....	2
Potentiometers .....	3	Gas Meter Provers .....	5
Frequency Bridge .....	1	Gauge .....	1

**New Equipment Tested Prior to Distribution to the Field  
or for Use in Laboratory**

Voltmeters .....	8	Specific Gravity Balance .....	3
Flux Voltmeter .....	1	Dead Weight Testers .....	5
Frequency Meter .....	2	Thermometers .....	19
Ammeter .....	1	Pressure Gauges .....	4
Wattmeters .....	2	50-Cubic Foot Holder .....	1
Recording Calorimeter .....	4	Cylinder Gauge .....	1
Test Gauge (Pressure) .....	1	Mercury Manometer .....	1

**Verification of Laboratory Standards  
(Standardization of National Research Council)**

Standard Cell Tests .....	3	Voltage Transformer .....	2
Current Transformer .....	7		

**Standards Laboratory Instrument Calibration**

Rotating Standards .....	8	Voltmeter .....	1
Wattmeters .....	100	Ammeter .....	2
Potentiometers .....	1	Standard Cells .....	48
Equipment Tested for Approval of Type ( Electricity) .....			158
" " " " " " (Gas) .....			20



## APPENDIX Q

PRECIOUS METALS MARKING ACT  
FISCAL YEAR 1958 - 59

DIVISION	CALLS ON DEALERS	CALLS AT CUSTOMS	SHIPMENTS EXAMINED
Eastern .....	2,235	1,544	4,641
Central .....	2,415	1,158	5,967
Western .....	1,360	160	341
<b>TOTALS .....</b>	<b>6,010</b>	<b>2,862</b>	<b>10,949</b>

NATIONAL TRADE MARK AND TRUE LABELLING ACT  
FUR GARMENT INSPECTIONS

DIVISION	CALLS ON DEALERS	GARMENTS INSPECTED	LABELS CORRECTED	WARNINGS ISSUED
Eastern .....	544	31,253	132	3
Central .....	620	25,249	222	6
Western .....	543	24,447	256	4
<b>TOTALS .....</b>	<b>1,707</b>	<b>80,949</b>	<b>610</b>	<b>13</b>

## P. M. M. A.

ADVERTISEMENTS CHECKED .....	3,060
WARNINGS ISSUED .....	65
PROSECUTIONS .....	0
NATIONAL MARK LICENCES ISSUED .....	8
ASSAYS AND TESTS .....	260

## FURS

ADVERTISEMENTS CHECKED .....	11,390
WARNINGS ISSUED .....	211
PROSECUTIONS .....	0







